



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beverly W. Burbaum et al.

Art Unit : Unknown

Serial No.: 10/560,953 ✓

Examiner: Unknown

Filed

: December 15, 2005

Title

: PROCESSES FOR PREPARING 3-BENZAZEPINES

## MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: August 28, 2007

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Substitute From PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 20750-042US1

Application No. 10/560,953

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

Applicant Beverly W. Burbaum et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

December 15, 2005

		* * * *	U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
•	AA	US 3652543	03/28/72	Hoegerle et al.			
	AB	US 3716639	02/13/73	Hoegerle et al.			
	AC	US 4108989	08/22/78	Holden			
	AD	US 4111957	09/05/78	Holden et al.			
	AE	US 4233217	11/11/80	Shetty			
	AF	US 4584293	04/22/86	Reiffen et al.			
	AG	US 4737495	04/12/88	Bomhard et al.			
	AH	US 4957914	09/18/90	Clark et al.			
	AI	US 4988690	01/29/91	Effland et al.			
	AJ	US 5015639	05/14/91	Berger et al.			
	AK	US 5750520	05/12/98	Danilewicz et al.			
	AL	US 5861393	01/19/99	Danilewicz et al.			
	AM	US 6953787 B2	10/11/05	Smith et al.			
	AN	60/479,280	Non- Applicable	Smith et al.			

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AO	DE 1944121	03/19/70	Germany				
	AP	GB 1196229	06/24/70	Great Britain				
	AQ	CH 500194	01/29/71	Switzerland				
	AR	GB 1221324	02/03/71	Great Britain				
	AS	GB 1225053	03/17/71	Great Britain				
	AT	DE 1914456	06/16/71	Germany				
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	AW	NL 7807819	01/23/80	Netherlands				
	AX	EP 0007070 A1	01/23/80	Europe				

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Examiner	Desig.	Document	Publication	Country or		.pp.noutio.		slation
Initial	ID ID	Number	Date	Patent Office	Class	Subclass	Yes	No
, ,	AY	CA 1090797	12/02/80	Canada				
	AZ	AU 515236B (B2)	03/26/81	Australia				
	BA	GB 1599705	10/07/81	Great Britain				
	ВВ	DE 3315106 A1	11/03/83	Germany				
	BC	EP 0096838	12/28/83	Europe				
	BD	GB 2133401	07/25/84	Great Britain				
	BE	EP 0161350	11/21/85	Europe				
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	BR	WO 9604271	02/15/96	WIPO				
	BS	WO 9605194	02/22/96	WIPO				
	ВТ	WO 9633993	10/31/96	WIPO				
	BU	WO 9806701	02/19/98	WIPO				
· · · · · · · · · · · · · · · · · · ·	BV	WO 9840385	09/17/98	WIPO				
	BW	EP 0987235 A1	03/22/00	Europe				
	вх	EP 1074549 A2	02/07/01	Europe				

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Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	BY	EP 1074549 B1	02/07/01	Europe				
	BZ	WO 0240471	05/23/02	WIPO				
	CA	WO 02074746	09/26/02	WIPO				
	СВ	JP 076413	12/03/02	Japan			,	
	СС	WO 03086306 A2	10/23/03	WIPO				
	CD	EP 1074549 B1	11/19/03	Europe				

	Other Documents (include Author, Title, Date, and Place of Publication)				
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		Baindur, et al., "(±)-3-allyl-7-halo-8-hydroxy-1-phenyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepines as			
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Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attorney's Docket No. 20750-042US1	Application No. 10/560,953	
Information Discle by App		Applicant Beverly W. Burbaum et al.		
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	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
	со	Draper, et al., "Novel Stereoselective Syntheses of the Fused Benzazepine Dopamine D <sub>1</sub> Antagonist (6aS, 13bR)-11-chloro-6, 6a,7,8,9, 13b-hexahydro-7-methyl-5H-benzo[d]naphth[2, 1-b]azepin-12-ol (Sch 39166): 1. Aziridinium Salt Based Syntheses", Organic Process Research & Development, 2(3):175-85 (1998)			
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	CS	Gerritz, et al., "Two General Routes to 1,4-disubstituted-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepines", Organic Letters, 2(25):4099-102 (2000)			
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	CU	Green and Wuts, et al., "Protective Groups in Organic Synthesis", 3 <sup>rd</sup> Ed., Wiley and Sons (1999)*			
	CV	Halford, et al., "o-phenylenediacetimide and Other Compounds Related to 3,1 <i>H</i> -benzazepine", J. Org. Chem. 17:1646-52 (1952)			
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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 20750-042US1	Application No. 10/560,953
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Beverly W. Burbaum et a	ıl.
		Filing Date December 15, 2005	Group Art Unit

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	DF	Macdonald, et al., "Design and Synthesis of <i>trans</i> -3-(2-(4-((3-(3-(5-methyl-1,2,4-oxadiazolyl))-phenyl)carboxamido)cyclohexyl)ethyl)-7-methylsulfonyl-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine (SB-414796): A Potent and Selective Dopamine D <sub>3</sub> Receptor Antagonist", J. Med. Chem., 46(23):4952-64 (2003)
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	DI	Neumeyer, et al., "Development of a High Affinity and Stereoselective Photoaffinity Label for the D-1 Dopamine Receptor: Synthesis and Resolution of 7-[125] Iodo-8-hydroxy-3-methyl-1-(4'-azidophenyl)-2,3,4,5-tetrahydro-1 <i>H</i> -3-benzazepine", J. Med. Chem., 33(2):521-6 (1990)
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	DT	Schlademan, et al., "Synthesis of 1-oxo- and 1-hydroxy-azabenzocycloalkanes", J.C.S. Perkin I, 2:213-5 (1972)
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	DY	Yasuda, et al., "A Novel and Stereoselective Synthesis of (±)-cephalotaxine and its Analogue", Tetrahedron Letters, 27(18):2023-6 (1986)	
	DZ	Yonemitsu, et al., "Photocyclization of Pharmacodynamic Amines. IV. Novel Heterocycles from N-chloroacetyl-3,4-dimethoxyphenethylamine", Journal of the American Chemical Society, 92(19):5686-90 (1970)	
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	EC	Yonemitsu, et al., "Photocyclization of Pharmodynamic Amines. II. X-Ray Analysis of a Noncentrosymmetric Tetracyclic Indole", Journal of the American Chemical Society, 90(23):6522-3 (1968)	

<sup>\*</sup>Cited Reference is excessively voluminous; kindly request delivery if desired.

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